

Goat anti-GAPDH (C Terminus) Loading Control Antibody

Item Number	dAP-0400
Target Molecule	Principle Name: GAPDH (C Terminus) Loading Control; Official Symbol: GAPDH; All Names and Symbols: GAPDH; glyceraldehyde-3-phosphate dehydrogenase; HGNC:4141; G3PD; GAPD; MGC88685; OTTHUMP00000174431; OTTHUMP00000174432; aging-associated gene 9 protein; glyceraldehyde 3-phosphate dehydrogenase; Accession Number (s): NP_002037.2; Human Gene ID(s): 2597; Non-Human GeneID(s):
Immunogen	HQVVSSDFNSDT, is from C Terminus GAPDH is constitutively expressed in almost all tissues at high levels. It is therefore a useful marker when a loading/positive control is required in western blotting.
Applications	Pep ELISA, WB, IF, IHC Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 37kDa band observed in lysates of cell lines HEK293 and HeLa, and in Human Liver and Tonsil, Mouse Liver and Rat Brain lysates (calculated MW of 36.1kDa according to Human NP_002037.2, Mouse NP_032110.1, and Rat NP_058704.1). Recomm
IHC	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.
Reference	Reference(s): Burke JR, Enghild JJ, Martin ME, Jou YS, Myers RM, Roses AD, Vance JM, Strittmatter WJ. Huntingtin and DRPLA proteins selectively interact with the enzyme GAPDH. Nat Med. 1996 Mar;2(3):347-50..PMID: 8612237->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**